

ADEQ, in consultation with ADH and AGFC, has completed review of the Final Downstream Areas Data Assessment Report (dated October 2013). Please see the following items to be addressed by ExxonMobil:

1. In the report it appears ExxonMobil did not evaluate certain metals because the concentration in the crude oil released was less than the amount detected in the respective medium. ExxonMobil must evaluate all data against the ecological screening values (ESV) to determine whether the detected amount is above, equal to, or below the respective ESV. At the conclusion of the report ExxonMobil can present their views but in no means should this step be omitted in the assessment of the investigation data.
2. Table I-2: The Estimated Pore Water PAH Concentrations presented in this table could not be reproduced. Please provide detailed calculations to support the numbers reflected in the table.
3. Table I-3: The Toxic Unit (TU) values for Surface Water could not be reproduced. Please provide detailed calculations to support these values reflected in the table.
4. ExxonMobil provides examples for calculating the Toxic Units (TUs) for specific samples in Tables I-1, I-2, and I-3. However, for data validation purposes, ExxonMobil should also provide similar tables for all samples where a TU was calculated.
5. Section 4.2, it is mentioned Tier III data validation is underway, but has not been completed as of the date of this report. An amended report reflecting Tier III data validation results should be submitted to ADEQ for review/approval.
6. ExxonMobil should prepare a table summarizing all sample points greater than or equal to the detection limits for all respective constituents of concern.
7. Section 9-4, Recommended Path Forward, ExxonMobil indicates sediments in Lake Conway do not warrant further evaluation based on the sampling results. Only one round of sediment samples were collected in the main body of Lake Conway. ADEQ requests ExxonMobil conduct an additional round of sediment sampling in the main body of Lake Conway (SED-DA -033 through 038) at all depths and full analysis as described in the approved Plan.
8. Section 9-4, Recommended Path Forward, ExxonMobil indicates continued surface water sampling is recommended at a frequency of weekly for 2 locations (Dawson Cove WS-007 0.5 to 1 feet and Lake Conway WS-001 0.5 to 1 feet). ADEQ requests ExxonMobil also conduct surface water sampling weekly (at all depths; PAHs) at WS-001, WS-004, WS-006, WS-007, WS-008, WS-009, WS-010, WS-011, WS-012, WS-014, WS-015, WS-020, and WS-021.

Please prepare a response to each of these deficiencies noted above and provide ADEQ a written schedule of implementation to commence the additional sampling and data analysis requested above. The responses, revised report, and implementation schedule should be submitted to ADEQ (attention of Tammie J. Hynum) no later than close of business on November 1, 2013.

In addition, comments from the Arkansas Game and Fish Commission (AGFC) are attached. ExxonMobil should review these comments as well and respond to Ricky Chastain, Deputy Director, of AGFC. Please carbon copy myself on your responses to AGFC.

Please let me know if you have any questions or require additional information.

Thanks,

Tammie J. Hynum
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